

FIG. 1

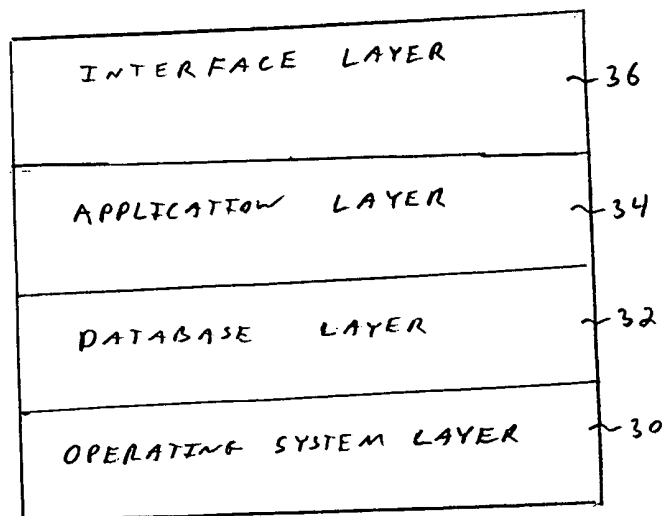


FIG. 2

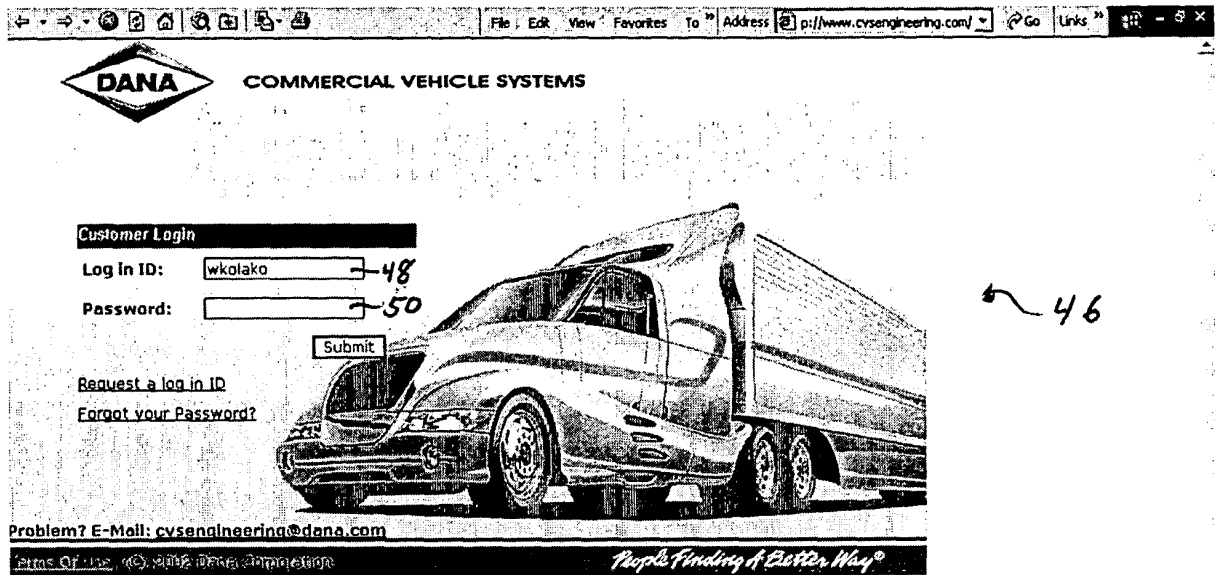


FIG. 3



COMMERCIAL VEHICLE SYSTEMS

If you do not remember your password enter your login id below. The password will be mailed to your email address that you had specified in the Login Request. If you have any other problems regarding login please [click here](#) to contact the site administrator.

Forgot your Password?

Login ID:

Mail Password

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FIG. 4



Customer Section

Help

Your Main Menu	
Create New Application	Submit new application to Dana
View Applications sent to Dana	View list of applications sent to Dana
Draft Applications	Work on the applications saved (Draft Copies)
View Your Reports	Click here to view reports
Edit Your Profile	Modify your profile
Change Your Password	Change your password from here
Legacy Data	Will open old database of documents sent to Dana
Signout	Signout from here

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FIG. 5



Customer Section

Help

New Applications Sent Draft Applications Legacy Change Password Reports Edit Profile Main Menu Signout

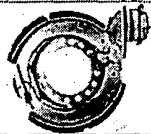
Select Your Application



Steer Axle Application



Drive Axle Application



Brake Application



Trailer Axle Application

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FIG 6



Customer Section

Help

New Applications Sent Draft Applications Legacy Change Password Reports Edit Profile Main Menu Signout

Brake Application

66 - Proposal Steer Axle Brake
68 - Retarder
70 - Requesters Info

62 60

Proposal Drive Axle Brake
Steer Axle Tires
Operating Conditions

Proposal Aux. Axle Brake
Drive Axle Tires
Weight Distribution

Auxiliary Axles Tires
Chassis Info

Select: ☒ Metric Units ☐ English Units

* Name: John Smith

* Submittal Date: Aug 19 2003 Fax No: 999 999 9999

* Phone No: 888 888 8888 72

* Email: jsmith@abc.com

Remarks: (Max. 500 chars.)

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Save And Next

Clicking on save and next will save the application in the draft list.
After you have filled in all the tabs you will be prompted to send the application to DANA.

Dana will rely on the information provided by the requester. The approval is null and void if the information supplied by the requester is incorrect or incomplete. The approval will not apply to any deviations from the stated specifications or operations; a separate Application Approval Request form must be submitted for any such deviations.

FIG. 7

Brake Application

* Gray color indicates filled tabs

Proposal Steer Axle Brake Proposal Drive Axle Brake Proposal Aux. Axle Brake
 Retarder Suspension Steer Axle Tires Drive Axle Tires Auxiliary Axle Tires
 Requesters Info Vehicle Info Operating Conditions Weight Distribution Chassis Info

66
68
70

64

74

76

62
60

72

* OEM: DANA Other:

* Dealer Stock? Yes: ☐ No: ☐

* End User:

* Chassis/Order No:

* Country Domiciled: USA Other:

* State of Registration: - Pull Down To Select -

* Vehicle Model:

* Vocation: - Pull Down To Select - Other:

* Vehicle Type: - Pull Down To Select - Other:

* Commodity Hauled: - Pull Down To Select - Other:

* Configuration: - Pull Down To Select - Other:

* Drive Steer Axle : Yes: ☐ No: ☐

* Axle Ratio:

* Brake Type: ☐ Steer ☐ Drive ☐ Auxillary

Remarks:
 (Max. 500 char.)

Save And Next

(Will save and display next tab)

Dana will rely on the information provided by the requester. The approval is null and void if the information supplied by the requester is incorrect or incomplete. The approval will not apply to any deviations from the stated specifications or operations; a separate Application Approval Request form must be submitted for any such deviations.

FIG. 8



Customer Section

Help

New Applications Sent Draft Applications Legacy Change Password Reports Edit Profile Main Menu Signout

Brake Application

* Gray color indicates filled tabs

Proposal Steer Axle Brake Proposal Drive Axle Brake Proposal Aux. Axle Brake
 Retarder Suspension Steer Axle Tires Drive Axle Tires Auxiliary Axle Tires
 Requesters Info Vehicle Info Operating Conditions Weight Distribution Chassis Info

Proposal Steer Axle Brake		Proposal Drive Axle Brake		Proposal Aux. Axle Brake	
Retarder	Suspension	Steer Axle Tires	Drive Axle Tires	Auxiliary Axles Tires	
Requesters Info	Vehicle Info	Operating Conditions	Weight Distribution	Chassis Info	
<p>* Duty Cycle: Help</p> <p>* % Operation on Highway: <input type="text"/> 72</p> <p>Annual Use: <input type="text"/> miles <input type="text"/> Kilometers</p> <p>* Maximum Vehicle Speed: <input type="text"/> mph <input type="text"/> kph</p> <p>* Service Brake Performance Requirement:</p> <p>Max Grade: <input type="text"/> % Average Grade: <input type="text"/> %</p> <p>Length-Max Grade: <input type="text"/> miles <input type="text"/> Kilometers</p> <p>Remarks: (Max. 500 chars.)</p>		<p>-Pull Down To Select- Other: <input type="text"/></p> <p>-Pull Down To Select- Other: <input type="text"/></p>		<p>Other: <input type="text"/></p>	
<p>Save And Next</p> <p>(Will save and display next tab)</p>					

Dana will rely on the information provided by the requester. The approval is null and void if the information supplied by the requester is incorrect or incomplete. The approval will not apply to any deviations from the stated specifications or operations; a separate Application Approval Request form must be submitted for any such deviations.

FIG. 9



Customer Section

Help

New Applications Sent Draft Applications Legacy Change Password Reports Edit Profile Main Menu Signout

Brake Application

* Grey color indicates filled tabs

Proposal Steer Axle Brake Proposal Drive Axle Brake Proposal Aux. Axle Brake
Retarder Suspension Steer Axle Tires Drive Axle Tires Auxiliary Axle Tires
Requesters Info Vehicle Info Operating Conditions Weight Distribution Chassis Info

70-C
66-C
68-C

Requesters Info	Vehicle Info	Operating Conditions	Weight Distribution	Chassis Info
Proposal Steer Axle Brake	Proposal Drive Axle Brake	Proposal Aux. Axle Brake		
Retarder	Suspension	Steer Axle Tires	Drive Axle Tires	Auxiliary Axle Tires

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Drive Axle

Manufacturer: -Pull Down To Select- Other:

Model: -Pull Down To Select- Other:

Mounting centers: In mm

Track: In mm

Type: -Pull Down To Select- Other:

Rated Capacity: lbs Kg

Steer Axle

Manufacturer: Other:

Rated Capacity: lbs Kg

Mounting Center: In mm

Track: In mm

Remarks: (Max. 500 chars.)

Save And Next

(Will save and display next tab)

Dana will rely on the information provided by the requester. The approval is null and void if the

FIG. 10

Applications Sent

Pending ⁹⁰

Not Approved

Conditionally Approved

Approved

List Of Applications sent to DANA (4)

Application No.	Category	Date Sent	Make New Application	View	Engineer's Remarks	View Report	Delete
AE00006520DA-78	Drive Axle	80	NEW	View	86	View	<input type="checkbox"/>
AE00006303DA	Drive Axle		NEW	View		View	<input type="checkbox"/>
AE00006275DA	Drive Axle		NEW	View		View	<input type="checkbox"/>
AE00006250DA	Drive Axle		NEW	View		View	<input type="checkbox"/>

(If checkbox is clicked, all applications will be selected)

☐ Select all

Delete Checked

Delete

FI 6. 11



Customer Section

Help

[New](#) [Applications Sent](#) [Draft Applications](#) [Legacy](#) [Change Password](#) [Reports](#) [Edit Profile](#) [Main Menu](#) [Signout](#)

Draft Applications

- * If the Sr. No. appears with a green background it indicates that application has been completely filled and can be sent to dana.
- * Please refer this Application No. as temporary Application No. while you are in draft application list.

List Of Saved (Draft Copies) Applications (5)

Application No.	Category	Application Date	Status	Delete
2352-92	Brake ~94	DATE 96	Partially Filled	<input type="checkbox"/>
2353	Brake	DATE	Partially Filled	<input type="checkbox"/>
2352	Steer Axle	DATE	Partially Filled	<input type="checkbox"/>
2351	Steer Axle	DATE	Partially Filled	<input type="checkbox"/>
2338	Drive Axle	DATE	Partially Filled	<input type="checkbox"/>

(If check box is ticked, all applications will be selected) ☐ Select all

Delete Checked

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FIG. 12

File Edit View Favorites To Address <http://www.cvsengineering.co> Go Links

DANA

Customer Section

New Applications Sent Draft Applications Legacy Change Password Reports Edit Profile Main Menu Signout

Drive Axle Application Report :

OEM:	<input type="text" value="DANA"/>	Other:	<input type="text"/>
Vehicle Type:	<input type="text" value="-Pull down to Select-"/>	Other:	<input type="text"/>
Configuration:	<input type="text" value="-Pull Down To Select-"/>	Other:	<input type="text"/>
Duty Cycle:	<input type="text" value="-Pull Down To Select-"/>	Other:	<input type="text"/>
Engine Manufacturer:	<input type="text" value="-Pull Down To Select-"/>	Other:	<input type="text"/>
Engine Model :	<input type="text" value="-Pull Down To Select-"/>	Other:	<input type="text"/>
Suspension Manufacturer:	<input type="text" value="-Pull Down To Select-"/>	Other:	<input type="text"/>
Chassis No:	<input type="text"/>	Max Grade %:	<input type="text"/>
Engine Gross Torque	<input type="text" value="100"/> lb ft	Engine Gross HP:	<input type="text"/> hp
Transmission Model:	<input type="text" value="-Pull Down To Select-"/>	GVWR:	<input type="text"/> lbs
GCWR:	<input type="text"/> lbs	Mounting Center:	<input type="text"/> in
Tire Size:	<input type="text" value="-Pull Down To Select-"/>	Static Loaded Radius:	<input type="text"/> in
Super Single / Dual:	<input type="radio"/> Single <input type="radio"/> Dual	DA Type - Reduction :	<input type="text"/>
Drive Axle Traction Options:	<input type="text"/>	Drive Axle Model:	<input type="text" value="-Pull Down To Select-"/>
Drive Axle Ratio:	<input type="text" value="-Pull Down To Select-"/>	End User :	<input type="text"/>

Find:

Charles Davidson & Partner, LLC

FIG. 13

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ABC Co.	Agent 1
DEF Co.	Agent 2
GHI Co.	Agent 3
⋮	⋮
XYZ Co.	Agent N

FIG. 14



Engineer Section

New Pending Not Approved Approved Discarded Edit Profile Ties Reports Search Signout

Applications:		
Section	No. of Applications	View
New Applications Received:	No Applications Available	X
Pending Applications:	No Applications Available	X
Not Approved Applications:	No Applications Available	X
Approved Applications:	No Applications Available	X
Discarded Applications:	No Applications Available	X

Search All Applications:

Enter Search Text: (Company name or Application number)

Search By: ☒ Application No ☐ Company Name

Status:

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FIG. 15

New Pending Not Approved Approved Discarded Edit Profile Ties Reports Search Signout

List Of Applications Approved (502)									
Application No.	Company	Category	Recd On	Approval Date	Accepted View	Action	Owner	Delete	
AE00074170A	Kenworth	Drive Axle	Jun-26-2003	Jun-26-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00074150A	Kenworth	Drive Axle	Jun-25-2003	Jun-26-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00074120A	Kenworth	Drive Axle	Jun-25-2003	Jun-26-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00074080A	Kenworth	Drive Axle	Jun-24-2003	Jun-26-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00074040A	Kenworth	Drive Axle	Jun-24-2003	Jun-26-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00074030A	Kenworth	Drive Axle	Jun-24-2003	Jun-26-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00073940A	Kenworth	Drive Axle	Jun-20-2003	Jun-24-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00073920A	Kenworth	Drive Axle	Jun-20-2003	Jun-24-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00073910A	Kenworth	Drive Axle	Jun-20-2003	Jun-24-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00073890A	Kenworth	Drive Axle	Jun-20-2003	Jun-24-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00073900A	Kenworth	Drive Axle	Jun-20-2003	Jun-24-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00073840A	Kenworth	Drive Axle	Jun-19-2003	Jun-24-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00073810A	Kenworth	Drive Axle	Jun-19-2003	Jun-24-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00073780A	Kenworth	Drive Axle	Jun-19-2003	Jun-24-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	
AE00003505A	Kenworth	Steer Axle	Jun-19-2003	Jun-24-2003	Carl Meyer View	Extension	✓	<input type="checkbox"/>	

Applications Approved

Conditionally Approved

118

120

122

FIG. 16



Engineer Section

[New](#) [Pending](#) [Not Approved](#) [Approved](#) [Discontinued](#) [Exit Profile](#) [Time](#) [Reports](#) [Search](#) [Signout](#)

Search Results (118)					
Application No	Company	Category	Engineer	Application Received Date	Status
AE0007518DA	Freightliner	Drive Axle	Dick Joslin	16-Jul-2003	APPROVED
AE0007514DA	Freightliner	Drive Axle	Dick Joslin	15-Jul-2003	REJECTED
AE0007510DA	Freightliner	Drive Axle	Dick Joslin	15-Jul-2003	APPROVED
AE0007508DA	Freightliner	Drive Axle	Dick Joslin	15-Jul-2003	APPROVED
AE0007506DA	Freightliner	Drive Axle	Dick Joslin	14-Jul-2003	APPROVED
AE0007486DA	Freightliner	Drive Axle	Dick Joslin	9-Jul-2003	APPROVED
AE0007484DA	Freightliner	Drive Axle	Dick Joslin	8-Jul-2003	APPROVED
AE0007475DA	Freightliner	Drive Axle	Dick Joslin	8-Jul-2003	APPROVED
AE0007481DA	Freightliner	Drive Axle	Dick Joslin	8-Jul-2003	APPROVED
AE0007472DA	Freightliner	Drive Axle	Dick Joslin	7-Jul-2003	APPROVED

Convert To Excel

F76.17